

Name _____

Share and Show



Use the given rules to complete each sequence. Then, complete the rule that describes how nickels are related to dimes.

1.

Number of coins	1	2	3	4	5
Add 5. Nickels (¢)	5	10	15	20	
Add 10. Dimes (¢)	10	20	30	40	

Multiply by _____

Complete the rule that describes how one sequence is related to the other. Use the rule to find the unknown term.

- ✓ 2. Multiply the number of books by _____ to find the amount spent.

Day	1	2	3	4	8
Number of Books	3	6	9	12	24
Amount Spent (\$)	12	24	36	48	

- ✓ 3. Divide the weight of the bag by _____ to find the number of marbles.

Bags	1	2	3	4	12
Number of Marbles	10	20	30	40	
Weight of Bag (grams)	30	60	90	120	360

On Your Own

Complete the rule that describes how one sequence is related to the other. Use the rule to find the unknown term.

4. Multiply the number of eggs by _____ to find the number of muffins.

Batches	1	2	3	4	9
Number of Eggs	2	4	6	8	18
Muffins	12	24	36	48	

5. Divide the number of meters by _____ to find the number of laps.

Runners	1	2	3	4
Number of Laps	4	8	12	
Number of Meters	1,600	3,200	4,800	6,400

6. **H.O.T.** Suppose the number of eggs used in Exercise 4 is changed to 3 eggs for each batch of 12 muffins, and 48 eggs are used. How many batches and how many muffins will be made?